

# STATE OF INDIANA

ENVIRONMENTAL MANAGEMENT BOARD

JUL 27 1982



INDIANAPOLIS, 46206

1330 West Michigan Street  
P. O. Box 1964

Mr. Jerry Wise  
Indiana Waste Systems, Inc.  
P.O. Box 181  
Wheeler, IN 46393

US EPA RECORDS CENTER REGION 5



436290

Dear Mr. Wise:

Re: Disposal of Titzel Unit Oil Sludge from  
Jones & Laughlin Steel Corp.  
East Chicago, Indiana

This letter acknowledges the request for disposal dated June 29, 1982, from Waste Management, Inc., Oak Brook, Illinois.

Approval is hereby granted for disposal of 80 cubic yards per week of titzel unit oil sludge at the Wheeler Landfill, OPP. No. 64-3, Porter County. The waste is to be mixed with solid waste and covered with a minimum of 6 inches of cover soil by the end of the working day.

The approval is granted subject to the following conditions:

1. The generator and/or hauler must contact you to notify you of the time of disposal and conditions of shipment.
2. If nuisance or pollution conditions are created, immediate corrective action will be taken by the operator.
3. No free liquids can be accepted.
4. This approval will expire July 31, 1983.

This approval will be revoked if the landfill fails to maintain compliance with 320 IAC 5-1, et seq. (Regulation SPC-18). Any necessary local approval must be obtained from the Porter County Health Department.

If you have any questions, please contact Mrs. Mary Janet Ruzicka of the Solid Waste Management Branch at 317/633-8527.

Very truly yours,

Ralph C. Pickard  
Technical Secretary

MJR

cc: Mr. William Schubert, Waste Management, Inc.  
Jones & Laughlin Steel Corp.  
Mr. Jack Slaboski, Industrial Disposal Corp.  
Porter County Health Department



# ORIGINATOR REQUEST FOR DECISION.

WASTE PROFILE SHEET NUMBER

PROPOSED TREATMENT/DISPOSAL FACILITY  
Wheeler Landfill

ORIGINATOR NAME: CHUCK EPSTEIN

WMM COMPANY: J & L STEEL

PROPOSED TRANSFER FACILITY (IF ANY)

DATE: 6-28-87

## PRELIMINARY FINDINGS.

THE ABOVE PROFILE SHEET (OR WRITTEN DESCRIPTION) HAS BEEN REVIEWED. I FIND IT IS:

- ☒ COMPLETE AND CONTAINS SUFFICIENTLY CERTAIN WASTE DESCRIPTION TO ENABLE ITS PROPER CLASSIFICATION, SAFE HANDLING, AND SUBSEQUENT DETERMINATIONS OF CONFORMITY OR NON-CONFORMITY.  
☐ INCOMPLETE OR INSUFFICIENT FOR THE REASONS NOTED ON THE PROFILE SHEET (OR WRITTEN DESCRIPTION).

A SPECIAL WASTE ANALYSIS REPORT ☐ HAS ☐ HAS NOT BEEN PREPARED. I HAVE DETERMINED:

- ☐ ADDITIONAL ANALYSES OR INFORMATION ARE NEEDED, AS NOTED ON THE REPORT FORM.  
☐ SAMPLE DOES NOT CONFORM TO PROFILE SHEET DESCRIPTION, AS NOTED ON FORM.  
☒ ANALYSIS IS SUFFICIENT, AND SAMPLE CONFORMS TO PROFILE SHEET DESCRIPTION.  
☐ AN ANALYSIS IS NOT NECESSARY ACCORDING TO COMPANY POLICY \_\_\_\_\_  
 (IDENTIFY POLICY EXCEPTION.)

ON THE BASIS OF THE PROFILE SHEET AND ANALYSIS REPORT (IF REQUIRED), I FIND: (CHECK ONE MAIN BOX)

- ☐ THE WASTE IS REGULATED AS HAZARDOUS ☐ BY USEPA (HAZARDOUS WASTE NO: \_\_\_\_\_) AND/OR  
☐ BY THE STATE IN WHICH THE TREATMENT/DISPOSAL FACILITY IS LOCATED.  
☐ THE WASTE IS NOT REGULATED AS HAZARDOUS, BUT SHOULD BE SO TREATED FOR PURPOSES OF COMPANY POLICY, BECAUSE: \_\_\_\_\_  
☒ THE WASTE IS ~~NOT~~ REGULATED BY THE DISPOSAL FACILITY STATE AS NON-HAZARDOUS SPECIAL WASTE.  
☐ THE WASTE IS NOT REGULATED AS HAZARDOUS OR NON-HAZARDOUS SPECIAL WASTE.

DISPOSAL DECISION. BASED UPON MY EVALUATION OF THE WASTE AND THE FACILITY, I CONCLUDE:

- ☒ THE SPECIAL WASTE IS TECHNICALLY ACCEPTABLE FOR TREATMENT/DISPOSAL AT THE PROPOSED FACILITY BEGINNING IMMEDIATELY USING THE FOLLOWING METHOD(S):  
CO-DISPOSAL

ADDITIONAL CONDITIONS:

STATE PERMIT PENDING

- ☐ FACILITY IS ALREADY FULLY PERMITTED (OR AUTHORIZED) TO RECEIVE THE WASTE.  
☒ NECESSARY PERMIT APPLICATIONS HAVE BEEN FILED. ALLOW 30 DAYS TO OBTAIN PERMIT.  
☐ FACILITY IS NOT NOW PERMITTED. ORIGINATOR SHOULD PROVIDE ME WITH INSTRUCTIONS TO FILE NECESSARY APPLICATIONS AND ALLOW \_\_\_\_\_ DAYS TO OBTAIN PERMIT.

- ☐ THE SPECIAL WASTE IS TECHNICALLY UNACCEPTABLE AT THE PROPOSED FACILITY BECAUSE:

COMPLETED BY FACILITY ☐ TECHNICAL MGR. ☒ REGIONAL ENGINEER

DATE: 6-28-87

NAME: William Schubert

SIGNATURE: William Schubert

DISPOSAL DECISION APPROVAL OR REJECTION BY FACILITY GENERAL MANAGER.

- ☐ I WILL ACCEPT THE SPECIAL WASTE DESCRIBED IN THE PROFILE SHEET, ON THE ABOVE CONDITIONS.  
☐ I WILL ACCEPT THE WASTE, BUT ONLY ON THE FOLLOWING ADDITIONAL CONDITIONS: \_\_\_\_\_

- ☐ I WILL NOT ACCEPT THE WASTE UNDER ANY CONDITIONS.

DATE

SIGNATURE

TRANSFER STATION DECISION. I HAVE REVIEWED THE PROFILE SHEET AND ANALYTICAL REPORT.

- ☐ THE WASTE MAY BE RECEIVED AT THE ABOVE TRANSFER FACILITY BEGINNING \_\_\_\_\_  
☐ THE WASTE MAY NOT BE RECEIVED BECAUSE \_\_\_\_\_

SIGNATURE

# SPECIAL WASTE ANALYSIS REPORT

SALES

CODE

CAL

A43293

19:

LABORATORY: Chemical Waste Management

WASTE PROFILE SHEET CODE

PROFILE SHEET RECEIVED ON: Technical Center REPRESENTATIVE SAMPLE RECEIVED ON: 4/22/82CERTIFICATE OF REP. SAMPLE RECEIVED 4/22/82 SAMPLE TAKEN: 3/23/82PROPOSED TREATMENT/DISPOSAL FACILITY: CIA / wheeling

THE ANALYSES BELOW REPORTED WERE SELECTED BY ME, BASED UPON THE GENERATOR'S REPRESENTATIONS IN THE PROFILE SHEET AND ANY APPLICABLE WASTE ANALYSIS PLAN ESTABLISHED BY THE PROPOSED FACILITY FOR WASTE OF THIS TYPE. ANALYSES REQUIRED BY A WASTE ANALYSIS PLAN ARE INDICATED BY AN ASTERISK (\*).

DATE OF ANALYSIS: 5-7-82 LAB MANAGER: Johann K. Kagan6772 Jones & Laughlin Steel Corp.

Test	As Received	Leachate	E.P. Toxicity	Test	As Received	Leachate	Analysis Initials
Specific Gravity							
pH <u>10% solution</u>	<u>5.0</u>						
Acidity, % as							
Alkalinity, % as				Phenols, mg/l	<u>210.0</u>		
COD, mg/l				Cyanides, as CN, Total, mg/l	<u>210.0</u>		
BOD, mg/l				Cyanides as CN, Free, mg/l			
Total Solids @ 105°C	<u>75.94%</u>						
Total Dissolved Solids, mg/l				Nitrogen, Ammonia as N, mg/l			
Total Suspended Solids	<u>75.94%</u>			Nitrogen Organic as N, mg/l			
Residue on Evaporation @ 180°C				Total Kjeldahl Nitrogen, as N, mg/l			
Flash Point, F°	<u>2212</u>			Total Alkalinity (P) as CaCO <sub>3</sub> , mg/l			
Ash Content on ignition	<u>10.0%</u>			Total Alkalinity (M) as CaCO <sub>3</sub> , mg/l			
Heating Value BTU/lb				Total Hardness, as CaCO <sub>3</sub> , mg/l			
"Acid Scrub." gNaOH/g				Calcium Hardness as CaCO <sub>3</sub> , mg/l			
				Magnesium Hardness, as CaCO <sub>3</sub> , mg/l			
Arsenic, as AS, mg/l	<u>0.60</u>		<u>60.04*</u>				
Barium as Ba, mg/l	<u>25.4</u>		<u>21.65*</u>				
Boron, as B, mg/l				Oil and Grease, mg/l			
Cadmium as Cd, mg/l	<u>1.98</u>		<u>50.13*</u>				
Chromium, Total as Cr, mg/l	<u>41.9</u>		<u>2.32*</u>				
Hexavalent Chromium @ Cr, mg/l				Aldrin, mg/l			
Copper, as Cu, mg/l	<u>231</u>			Chlordane, mg/l			
Iron, Total as Fe, mg/l				DDTs, mg/l			
Iron, dissolved, as Fe, mg/l				Dieldrin, mg/l			
Lead, as Pb, mg/l	<u>379</u>		<u>0.02</u>	Endrin, mg/l			
Manganese, as Mn, mg/l				Heptachlor, mg/l			
Magnesium, as Mg, mg/l				Lindane, mg/l			
Mercury, as Hg, mg/l	<u>0.005</u>		<u>20.0003*</u>	Methoxychlor, mg/l			
Nickel, as Ni, mg/l	<u>52.6</u>			Toxaphene, mg/l			
Selenium, as Se, mg/l	<u>0.75</u>		<u>20.005*</u>	Permethrin, mg/l			
Silver, as Ag, mg/l	<u>0.92</u>		<u>60.006*</u>	2,4, D, mg/l			
Zinc, as Zn, mg/l	<u>109</u>			2,4,6, TP (Silver), mg/l			
				PCBs, mg/l			
Bicarbonates, as HCO <sub>3</sub> , mg/l							
Carbonates as CO <sub>3</sub> , mg/l							
Chlorides, as Cl, mg/l							
Fluorides as F, mg/l							
Nitrate, as NO <sub>3</sub> , mg/l							
Nitrite, as NO <sub>2</sub> , mg/l							
Phosphate, as P, mg/l							
Sulfate, as SO <sub>4</sub> , mg/l							
Sulfides as S, mg/l	<u>Dissolved 120</u>						

FORM WMA-22 (Rev. 11-80)  
CWM WASTE MANAGEMENT, INC.

Total the results reported are the maximum

This report has been prepared for the exclusive use and benefit of Chemical Waste Management, Inc. No representation is being made as to the validity or analytical accuracy or completeness of the results reported.